ABSTRACT OF THE DISCLOSURE

Apparatus and surgical techniques provide alternative cutting fixtures and other features to improve bone resection accuracy and joint stability. According to one embodiment, stabilizers are removably attached to a cutting guide to temporarily lengthen the surface against which a saw or other cutting device rests. Another embodiment provides differently shaped saw blades, having curved distal ends and right-angle bends applicable to box cuts of the type associated with cruciate sacrifice knee-replacement surgery. Methods are also disclosed whereby the box cuts, distal and posterior augment cuts may be approached from a distal perspective, both laterally and medially. A different embodiment provides a trial/cutting guide having flat surfaces as opposed to curved surfaces adapted for articulation within a joint. Yet a further alternative embodiment teaches a device for determining the joint line relative to a tibia using the fibula as reference.